# ELECTRIC VEHICLES AT A GLANCE

An Electric Vehicle (EV) is powered by electricity. Unlike conventional vehicles that use gasoline or diesel-powered engines, electric cars use one or more electric motors powered by electricity from batteries.

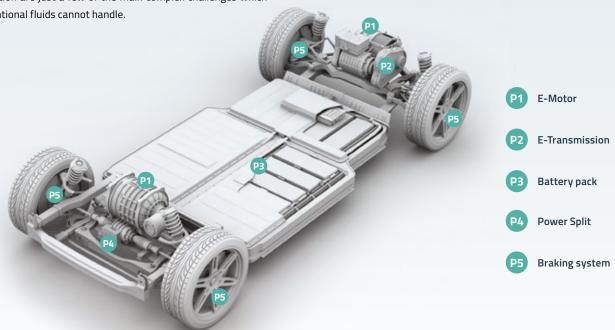
#### **EV DRIVELINE & COOLING CONSTRAINTS**

Electric vehicles have been gaining traction for the last couple of decades, however the development of specialised fluids is just beginning to build momentum.

Thermal management, electrical conductivity and component protection are just a few of the main complex challenges which conventional fluids cannot handle.

### EFFICIENCY RELIABILITY DRIVABILITY

E-TRANSMISSIONS E-COOLANTS E-GREASES E-BRAKES



# **A STRONG COMPANY BEHIND THE BRAND**

#### WE PRIDE OURSELVES ON BEING A 'PURE PLAYER' IN OUR INDUSTRY.

We are 100% dedicated to lubricants. We've been creating next-generation products since 1955 and have accumulated more than 65 years of knowledge and expertise. As one of Europe's leading independent lubricants blenders, we are specialists, focusing on meeting the diverse needs of our customers with high-quality, technology-enhanced lubricants.

We add value with a full-service approach that includes technical advice, fast supply and on-going training and support.





DEM Narové

**1 OF THE LARGEST** INDEPENDENT LUBRICANT MANUFACTURERS IN EUROPE



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IN-HOUSE LABORATORY R&D AND FULL CONTROL OVER QUALITY

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ISO9001 CERTIFIED VINCOTTE



ISO CERTIFIED QUALITY & ENVIRONMENTAL MANAGEMENT SYSTEMS



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# ELECTRUM



## THE ROAD AHEAD

The EV market continues to be driven by tightening environmental regulations, advances in battery technology and attractive economic benefits. Government mandates and incentives are accelerating adoption, while lower operating costs and improved performance are making EVs increasingly competitive.

In 2023 alone, almost 14 million new electric cars were registered globally, with Europe, China and US leading the charge, bringing their total number on the roads to 40 million. By EV drivetrain in the same year, Battery Electric Vehicles (BEVs) have accounted for twothirds of that growth with 9.5 million new vehicle registrations – more than double the number of 2021.

In the longer term, it is predicted that by 2030, EVs will represent more than 60% of vehicles sold globally.





Data source: International Energy Agency. Global EV Outlook 2024

#### PREPARING THE GROUND FOR TOMORROW'S E-MOBILITY, WOLF WITH THE ELECTRUM RANGE **IS LEADING THE CHARGE!**

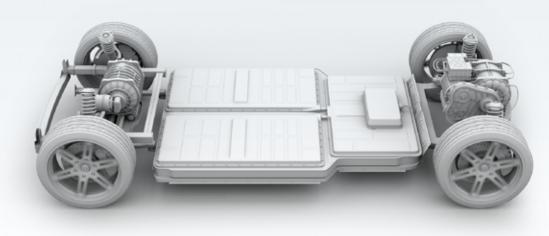
# ENGINEERING TOMORROW'S MOBILITY

Electric vehicles introduce new powering architectures leading to specific fluid requirements.

We have developed solutions to help our distributors stay one step ahead of the competition and accelerate the uptake of reliable, energy-efficient high-performance electric vehicles.

ELECTRUM is a range of transmission fluids, greases and coolants dedicated to meet present and future generations of electric vehicles.

Wolf is inherently linked to the fundamental role of lubricants in our modern societies, by providing the vital fluids to run our vehicles, and literally oil the wheels of change. We are the brand that brings vehicles to life and provides them with the vital energy to enhance their performance and endurance.



The Electrum range marks a key milestone in our brand's commitment to drive efficient and sustainable e-mobility solutions.



ELECTRUM MULTI E-ATF FLUID E-motor & hybrid transmission fluid

PRODUCT CODE: 65305

ELECTRUM E-DCT FLUID

E-DCT transmission & reduction gear fluid

PRODUCT CODE: 65300



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#### ELECTRUM TRANS FLUID

Automatic transmission fluid for electric & hybrid vehicles

PRODUCT CODE: 65301

ELECTRUM LC COOLANT

Reduced electrical conductivity coolant

PRODUCT CODE: 65341

#### ELECTRUM LC COOLANT FCEV

Low electrical conductivity fuel cell coolant

PRODUCT CODE: 65342

#### ELECTRUM COOLANT Battery coolant

PRODUCT CODE: 65340

Whatever the future vehicle or mobility concept will be, Wolf will provide the needed technology-enhanced fluids. This is how we put our technology at the service of tomorrow's mobility.



#### **ELECTRUM E-MOTOR GREASE**

Synthetic grease for E-motor bearings

PRODUCT CODE: 65320

#### ELECTRUM HUB GREASE

Synthetic grease for wheel bearings

PRODUCT CODE: 65321

ELECTRUM BRAKE FLUID

Low viscosity brake fluid

PRODUCT CODE: 65360